

Appl. No. 09/758,329
Andt. dated July 20, 2005
Reply to Office Action of January 24, 2005

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A telephone, wherein:
 - (a) the telephone includes a dialer, a touch-screen for receiving graphical information applied through a stylus, and
 - (b) the dialer is constructed to:
 - (1) convert the graphical information from the touch screen into a dial signal.
2. (Canceled)
3. (Previously Presented) The telephone of claim 1 further comprising: a graphic-to-character converter for converting the graphical information into characters, wherein the dialer is constructed to:
 - (A) receive a sequence of characters from the graphic-to-character converter; and
 - (B) convert each character to a dial signal.
4. (Previously Presented) The telephone of claim 3, further including means for, if one of the characters is an alpha character:
 - (e) converting the alpha character into an associated numeric character; and
 - (f) converting the numeric character into the dial signal.
5. (Previously Presented) The telephone of claim 3, further including means for, if the character is an alpha character, converting the alpha character into a dial signal associated with a numeric character which is associated with the alpha character.
6. (Previously Presented) The telephone of claim 3, further including means for, if the character is a pause character, converting the pause character into a pause dial signal.

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7. (Currently Amended) A method for dialing a telephone, wherein:

- (a) the method includes a sequence of steps of producing a dial signal; and
- (b) the sequence of steps of producing a dial signal includes the steps of:
 - (1) entering graphical information;
 - (2) converting the graphical information to the dial signal,
wherein the step of entering graphical information includes the step of applying a stylus to a touch-screen.

8. (Canceled)

9. (Previously Presented) The method of claim 7, wherein the step of converting the graphical information to the dial signal includes the steps of:

- (g) converting the graphical information into a character; and
- (h) converting the character into the dial signal.

10. (Previously Presented) The method of claim 9, further including the steps of, if the character is an alpha character:

- (i) converting the alpha character into an associated numeric character; and
- (j) converting the numeric character into the dial signal.

11. (Previously Presented) The method of claim 9, further including the step of, if the character is an alpha character, converting the alpha character into a dial signal associated with a numeric character which is associated with the alpha character.

12. (Previously Presented) The method of claim 9, further including the step of, if the character is a pause character, converting the pause character into a pause dial signal.

13. (New) A method of dialing a telephone, the method comprising:
receiving a graphical entry on a touch screen; and
converting the graphical entry to a dial signal.

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14. (New) The method of claim 13, wherein receiving the graphical entry comprises receiving graphical entry of an alphanumeric character drawn on the touch screen.

15. (New) The method of claim 13, further comprising:
storing a predetermined number of graphical entries;
receiving a dial command; and
wherein converting the graphical entry comprises converting each of the predetermined number of graphical entries to a corresponding dial signal.

16. (New) The method of claim 13, further comprising:
receiving a graphical entry on the touch screen corresponding to a predetermined pause character; and
pausing conversion of graphical entries to dial signals.

17. (New) The method of claim 13, wherein converting the graphical entry to the dial signal comprises converting a graphical entry of a numeric character to a corresponding numeric dial signal.

18. (New) The method of claim 13, wherein converting the graphical entry to the dial signal comprises converting a graphical entry of an alpha character to a corresponding dial signal.

19. (New) The method of claim 13, wherein converting the graphical entry to the dial signal comprises:
converting a graphical entry of an alpha character to a corresponding numeric character; and
converting the numeric character to a corresponding numeric dial signal.

20. (New) A telephone comprising:
a touch screen configured to receive a graphic entry;

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a graphic to character converter configured to convert the graphic entry to a character; and

a dialer configured to produce a dial signal based on the character.

21. (New) The telephone of claim 20, wherein the touch screen is configured to receive the graphic entry drawn on the touch screen using a stylus.